

INTERNATIONAL SEARCH REPORT

Internal Application No
PCT/GB2004/004749

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07K14/47 G01N33/68

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07K G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, Sequence Search, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	EP 1 382 613 A (SUMITOMO CHEMICAL COMPANY, LIMITED) 21 January 2004 (2004-01-21) the whole document	1-25
X	----- DATABASE EMBL 'Online! H. sapiens guanine binding protein 3 April 2003 (2003-04-03), XP002317000 retrieved from EBI Database accession no. BC050021	1-11
Y	abstract	12-24
Y	----- DATABASE EMBL 'Online! Mus musculus 16 days neonate cerebellum cDNA 1 March 2003 (2003-03-01), XP002317001 retrieved from EBI Database accession no. Q8BHK8 abstract	25
	----- -/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- * & * document member of the same patent family

Date of the actual completion of the International search

3 March 2005

Date of mailing of the International search report

11/04/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Mossier, B

INTERNATIONAL SEARCH REPORT

Internal Application No
PCT/GB2004/004749

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 99/47921 A (PHARMACOPEIA, INC) 23 September 1999 (1999-09-23) the whole document	12-25
A	WO 98/16557 A (THE GENERAL HOSPITAL CORPORATION) 23 April 1998 (1998-04-23) the whole document	12-25
A	ZIGMAN J M ET AL: "HUMAN GOLFALPHA: COMPLEMENTARY DEOXYRIBONUCLEIC ACID STRUCTURE AND EXPRESSION IN PANCREATIC ISLETS AND OTHER TISSUES OUTSIDE THE OLFACTORY NEUROEPITHELIUM AND CENTRAL NERVOUS SYSTEM" ENDOCRINOLOGY, BALTIMORE, MD, US, vol. 133, no. 8, December 1993 (1993-12), pages 2508-2514, XP000993079 ISSN: 0013-7227	
A	BOURNE H R ET AL: "THE GTPASE SUPERFAMILY CONSERVED STRUCTURE AND MOLECULAR MECHANISM" NATURE, MACMILLAN JOURNALS LTD. LONDON, GB, vol. 349, no. 6305, 10 January 1991 (1991-01-10), pages 117-127, XP001153219 ISSN: 0028-0836	

BEST AVAILABLE COPY

INTERNATIONAL SEARCH REPORT

information on patent family members

International Application No
PCT/GB2004/004749

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1382613	A	21-01-2004	CA 2432968 A1	16-01-2004
			EP 1382613 A1	21-01-2004
			JP 2004350672 A	16-12-2004
WO 9947921	A	23-09-1999	AU 736899 B2	02-08-2001
			AU 2596799 A	11-10-1999
			AU 2767999 A	11-10-1999
			CA 2324080 A1	23-09-1999
			CA 2324518 A1	23-09-1999
			EP 1064545 A1	03-01-2001
			EP 1066371 A1	10-01-2001
			JP 2002507721 T	12-03-2002
			WO 9947921 A1	23-09-1999
			WO 9947647 A1	23-09-1999
			US 5976807 A	02-11-1999
WO 9816557	A	23-04-1998	WO 9816557 A1	23-04-1998